

Title (en)

Obtaining sensing results and/or data in response to object detection

Title (de)

Erhalten von Messergebnissen und/oder -daten als Reaktion auf eine Gegenstandserfassung

Title (fr)

Obtention de résultats et/ou données de détection en réponse à la détection d'objets

Publication

EP 2085763 A2 20090805 (EN)

Application

EP 09151765 A 20090130

Priority

- US 2248508 A 20080130
- US 2343608 A 20080131
- US 2449008 A 20080201
- US 33777108 A 20081218

Abstract (en)

An encoder/sensor can obtain sensing results from objects in an encoding/sensing region; a trigger detector can respond to objects in a trigger detection region, providing respective trigger signals; and a relative motion component can cause relative motion of objects into the trigger detection region, from it into the encoding/sensing region, and within the encoding/sensing region. In response to an object's trigger signal, control circuitry can cause the encoder/sensor and/or the relative motion component to operate so that the encoder/sensor obtains sensing results indicating a time-varying waveform and processing circuitry can obtain data from the sensing results indicating a time-varying waveform. The time-varying waveform can include information resulting from the relative motion within the encoding/sensing region. The encoder/sensor and trigger detector can be implemented, for example, with discrete components or as sets of cells in a photosensing array on an integrated circuit.

IPC 8 full level

G01N 35/00 (2006.01); **B01L 3/00** (2006.01); **G01N 21/03** (2006.01); **G01N 21/05** (2006.01)

CPC (source: EP)

B01L 3/502761 (2013.01); **G01N 21/05** (2013.01); **B01L 2300/0645** (2013.01); **B01L 2300/0654** (2013.01); **B01L 2300/0816** (2013.01); **B01L 2300/0861** (2013.01); **B01L 2300/087** (2013.01); **B01L 2400/0487** (2013.01); **G01N 35/00732** (2013.01); **G01N 2021/0346** (2013.01)

Citation (applicant)

- US 7358476 B2 20080415 - KIESEL PETER [US], et al
- US 7291824 B2 20071106 - KIESEL PETER [US], et al
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CN114460008A

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2085763 A2 20090805; **EP 2085763 A3 20120523**; **EP 2085763 B1 20160518**; JP 2009180723 A 20090813; JP 2014178325 A 20140925; JP 5541764 B2 20140709; JP 5840727 B2 20160106

DOCDB simple family (application)

EP 09151765 A 20090130; JP 2009016606 A 20090128; JP 2014094356 A 20140501